by the free gemmule, of which the primordial leaves sheath only at the base. Embryological figures illustrate the paper.—Boissier, Plantæ Aucherianæ (*Umbelliferæ*).

Giornale Botanico Italiano.

A new botanical journal, which promises to be a valuable addition to our sources of information, has been established in Italy by the Botanical Section of the Scientific Congress; Prof. Parlatore of Florence having undertaken the editorship, under the direction of a committee of the botanists resident in Tuscany.

It is divided into three portions, under the separate titles of 'Original Memoirs,' 'Botanical Literature,' and 'Botanical Intelligence,' each part being separately paged.

The first two numbers contain: preface, plan of the work, collaborators.—*Original memoirs*: Meneghini on Gaudichaud's theory of the merithallus; Savi on some Microscopic organs of Plants, especially of *Chrysanthema*; Parlatore on the spirit of the last and present centuries in regard to natural science; Parlatore, Monograph of the Fumarias; Meneghini and Savi on the appendages of *Acacia cornigera*; Savi, Morphological considerations on the leaf of *Arduina bispinosa*; Puccinelli, Additamentum ad Synopsin plantarum in agro Lucensi sponte nascentium.

Literature: Gussone, Floræ Siculæ Synopsis, 1842; Todaro, Orchideæ Siculæ, 1842; Puccinelli, Synopsis plantarum in agro Lucensi sponte nascentium, 1842; Tarsi, on the Irritability of the Pollen vessels of some plants.

Miscellanea: Parlatore, Intelligence respecting the Italian central Herbarium at Florence, and the consignments received there; on the Italian meteorological Archiv; various short notices and intelligence.

Books Received.

The Medals of Creation, or First Lessons in Geology and in the Study of Organic Remains. By Dr. G. A. Mantell.

Essays on Natural History, chiefly Ornithology. By C. Waterton, Esq.

A History of British Ferns. By Edward Newman. Second edition.

Elements of Comparative Anatomy. By Rudolph Wagner, M.D.; edited by Alfred Tulk. Part I. *Mammalia*; Part II. *Birds.*

PROCEEDINGS OF LEARNED SOCIETIES.

ZOOLOGICAL SOCIETY.

Dec. 12, 1843.—William Yarrell, Esq., V.P., in the Chair.

"Descriptions of new species of *Navicella*, *Neritina*, *Nerita*, and *Natica*, in the cabinet of H. Cuming, Esq.," by C. A. Récluz.

Navicella, Lamarck.

1. Navicella Cookii. *Nav. testâ ellipticâ, anticè angustatâ,*